

ABSTRACT OF THE DISCLOSURE

A novel cutting saw assembly is provided with co-axial spindles each of which supports a cutting saw blade.

5 One of the coaxial spindles or spindle shafts is moveable
in an axial direction relative to each other so as to posi-
tion two or more cutting saw blades accurately spaced apart
from each other. The two cutting saw blades are dressed to
the same diameter and are moveable close together when in
10 operation so that both saw blades can make complete cuts
simultaneously on the same wafer, thus increasing the
throughput of the cutting saw by almost 100 percent.

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